

S1 Table. Seroreactivity pattern description for all DPP VetTB serological test results included the Bayesian latent class analysis (BLCA) and those conducted on serum from culture-confirmed tuberculosis (TB) positive bears at Sites 1 and 2 between February 2016 and March 2023.

Line 1 MBP83	Line 2 CFP10/ESAT6	Number of results included in BLCA	Number of results from known TB positive bears*
Strong	Strong	4	7
Strong	Weak	6	2
Strong	None	11	3
Weak	Strong	2	1
Weak	Weak	13	2
Weak	None	32	1
None	Strong	6	6
None	Weak	10	1
None	None	260	5
	Total	344	28

*not all DPP VetTB results from culture-confirmed tuberculosis positive bears were available for inclusion in the BLCA due to not having an eligible full set of results